

| Ref # | Hits | Search Query   | DBs                                | Default Operator | Plurals | Time Stamp       |
|-------|------|--|------------------------------------|------------------|---------|------------------|
| S1    | 555  | 375/316-352.ccls. and ((filter same demodulat\$4) same (receiv\$4 near4 filter) same (filter with demodulat\$4))   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2005/07/06 17:55 |
| S2    | 2    | 375/316-352.ccls. and ((filter same demodulat\$4) same (receiv\$4 near4 filter) same (filter with demodulat\$4) same (cascad\$4 adj1 filter))                    | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2005/07/06 17:56 |
| S3    | 8    | 375/316-352.ccls. and ((filter same demodulat\$4) same (receiv\$4 near4 filter) same (filter with demodulat\$4) same (filter near3 "I") same (filter near3 "Q")) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2005/07/06 17:59 |
| S4    | 6    | 375/316-352.ccls. and ((filter\$4 near3 (demodulat\$4 adj1 signals)) same (receiv\$4 near4 filter\$4))   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2005/07/06 18:00 |
| S5    | 6    | 375/316-352.ccls. and ((filter\$4 near3 (demodulat\$4 adj1 signals)) same (receiv\$4 near4 filter\$4))   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2005/07/06 18:02 |
| S6    | 45   | ((filter\$4 near3 (demodulat\$4 adj1 signals)) same (receiv\$4 near4 filter\$4))   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2005/07/06 18:08 |
| S7    | 116  | (demodulat\$4) same (measur\$4 adj1 signals)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2005/07/06 18:09 |
| S8    | 30   | (demodulat\$4) same (measur\$4 adj1 signals) same (filter\$4)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2005/07/06 18:09 |
| S9    | 6    | (demodulat\$4 with measur\$4) same (filter\$4 near3 weight\$4)   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2005/07/08 10:52 |
| S10   | 8233 | (demodulat\$4 with (error near2 correct\$4))   | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2005/07/09 14:40 |
| S11   | 88   | (demodulat\$4 with (error near2 correct\$4)) same (first adj3 signal) same (second adj3 signal)  | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR               | OFF     | 2005/07/09 14:44 |

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| S12 | 8       | (demodulat\$4 with (error near2 correct\$4)) same ((first adj3 signal) with filter\$4) same ((second adj3 signal) with filter\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/09 14:42 |
| S13 | 2098524 | (demodulat\$4 near\$3 (error near2 correct\$4))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/05 10:59 |
| S14 | 4913    | (demodulat\$4 near3 (error near2 correct\$4))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/05 10:59 |
| S15 | 3728    | (demodulat\$4 near2 (error near2 correct\$4))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/05 10:59 |
| S16 | 183     | 375/316-352.ccls. and (demodulat\$4 near2 (error near2 correct\$4))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/05 11:49 |
| S17 | 0       | "with error correction" same "without error correction" same filter\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/05 11:02 |
| S18 | 0       | "with error correction" same "without error correction"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/05 11:02 |
| S19 | 22      | 375/316-352.ccls. and (demodulat\$4 near3 includ\$4 near3 (error near2 correct\$4))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/05 11:52 |
| S20 | 228     | (demodulat\$4 near3 includ\$4 near3 (error near2 correct\$4))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/01/05 12:11 |
| S21 | 170     | ((cancel\$4 or remov\$4) near3 "ISI") with filter   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/05 12:12 |
| S22 | 10      | ((((cancel\$4 or remov\$4) near3 "ISI") with filter) same demodulat\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/05 12:23 |
| S23 | 19      | ((((cancel\$4 or remov\$4) near3 "intersymbol interference") with filter) same demodulat\$4                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/05 12:16 |

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| S24 | 38  | ("ISI" near3 filter\$4) same demodulat\$4                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/05 12:26 |
| S25 | 24  | ((cancel\$4 or remov\$4) near3 "ISI") with equaliz\$4) same demodulat\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/05 12:24 |
| S26 | 18  | ("ISI" near3 (feedforward adj1 filter))                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/05 12:27 |
| S27 | 5   | ("ISI" near3 (forward adj1 filter))                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/05 12:29 |
| S28 | 390 | ("ISI" near3 (filter\$4))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/05 12:29 |
| S29 | 78  | ("ISI" near3 (filter\$4)) with (receiv\$4)                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/01/05 13:01 |